Attorney Docket No.: 436-12 (02-05)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Confirmation No.: 4147

Somenath Mitra et al.

Group Art Unit: 3742

Application No.: 10/735,989

Examiner: Daniel Leon Robinson

Filed: December 15, 2003

For: Micromachined Heaters For Microfluidic

Devices

Mail Stop: Amendments Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action mailed March 30, 2009, please reconsider this application based on the following remarks:

Listing of the Claims begin on page 2 of this paper.

Remarks begin on page 4 of this paper.